|                | Index of Claims |            |                |         |             |          |           |           |           |            |                 |          |                        | A                | Application/Control No. |             |              |              |              |         |           |          |          | Applicant(s)/Patent under Reexamination |                 |        |         |         |              |                |          |          |  |   |   |
|----------------|-----------------|------------|----------------|---------|-------------|----------|-----------|-----------|-----------|------------|-----------------|----------|------------------------|------------------|-------------------------|-------------|--------------|--------------|--------------|---------|-----------|----------|----------|---|-----------------|--------|---------|---------|--------------|----------------|----------|----------|--|---|---|
|                |                 |            |                |         |             |          |           |           |           |            |                 |          |                        | 10/053 006       |                         |             |              |              |              |         |           |          |          | TRIPOLI, MELCHIORE                      |                 |        |         |         |              |                |          |          |  |   |   |
|                |                 |            |                |         |             |          |           |           |           |            |                 |          | 10/053,096<br>Examiner |                  |                         |             |              |              |              |         |           |          | Ar       | tUi                                     | KE_             |        | _       |         |              |                |          |          |  |   |   |
|                |                 |            |                |         |             |          |           |           |           |            |                 |          |                        |                  |                         |             |              |              |              |         |           | Ì        | 2644     |   |                 |        |         |         |              |                |          |          |  |   |   |
|                |                 |            |                |         |             |          |           |           |           |            |                 |          |                        | Justin Michalski |                         |             |              |              |              |         |           |          |          | 26                                      |                 |        |         |         |              |                |          |          |  |   |   |
| √ Rejected — ( |                 |            |                |         |             |          |           |           |           | (          | (Through numera |          |                        |                  |                         | 1)          | ſ            | T            | Non F        |         | la séa d  |          |          | П                                       | A====!          |        |         |         |              | Ì              |          |          |  |   |   |
| v Rejected     |                 |            |                |         |             |          |           |           |           |            | С               | ancelled |                        |                  | 4                       | N           |              | Non-Elected  |              | ea      |           | Α        | Appeal   |   |                 |        |         |         |              |                |          |          |  |   |   |
| = Allowed      |                 |            |                |         |             |          |           |           | +         | Restricted |                 |          |                        |                  |                         |             |              | ı            | Inte         | rfer    | end       | ce       |          |   | Objected        |        |         |         |              |                |          |          |  |   |   |
|                | Ц               |            |                |         |             |          |           |           |           |            |                 |          |                        |                  |                         |             | لــ          | L            |              |         |           |          |          |   | Ш               |        |         |         |              |                |          |          |  |   |   |
|                | Claim           |            |                |         |             |          | Date      | -         |           |            |                 | Claim    |                        |                  |                         |             | P            | ate          | te           |         |           | Clair    |          | im                                      | L.,             | Date   |         |         |              | _              |          |          |  |   |   |
|                | <u>a</u>        | inal       | 100            | 2       | 1           |          |           |           |           |            |                 | <u> </u> | la l                   |                  |                         |             |              | ĺ            |              |         | Н         | ı        | <u>,</u> | ПаГ                                     |                 |        |         |         |              |                |          |          |  |   |   |
|                | Final           | Original   | S              | 4       |             |          |           |           |           |            |                 | Finat    | Original               |                  |                         |             |              |              |              |         |           |          | Final    | Original                                |                 |        | ı       |         |              |                |          |          |  |   |   |
| ł              |                 | (1)        |                | =       | 7=          | -        | H         |           | Н         |            | $\dashv$        | -        | 51                     | -                | $\dashv$                | $\dashv$    | $\dashv$     | ╁            | ╁            | +       | $\vdash$  | -        |          | 101                                     | $\vdash$        | +      | +       | ╁       | ┼-           | $\vdash$       | -        | Н        |  |   |   |
|                |                 | ¥          | Ļ              | Í       | I           |          |           |           |           | $\Box$     |                 |          | 52                     |                  |                         |             |              | 1            | 1            |         | 口         | ļ        |          | 102                                     |                 |        | 1       |         |              |                |          |          |  |   |   |
|                |                 | 4          | <del>l</del> Y | H       | F           | $\vdash$ | -         | _         | Н         |            | $\dashv$        | -        | 53<br>54               | -                | $\dashv$                | $\dashv$    | $\dashv$     | ┰            | +            | +       | Н         | -        |          | 103<br>104                              | H               | +      | +       | +       | ╁            | $\vdash$       | Н        | Н        |  |   |   |
|                |                 | 5          |                | 1       | $\parallel$ |          |           |           |           | $\Box$     |                 |          | 55                     |                  |                         |             | $\exists$    | 丰            | 丰            |         | 口         |          |          | 105                                     |                 | 土      | $\perp$ |         |              |                |          |          |  |   |   |
|                |                 | 7          | 1              | H       | ₩           | H        | H         | _         | $\dashv$  | $\dashv$   | ┥.              | $\vdash$ | 56<br>57               | $\vdash$         | $\dashv$                | -           | $\dashv$     | +            | +            | +       | Н         | L        |          | 106<br>107                              | $\vdash \vdash$ | -      | - -     | +       | +            | $\vdash$       |          | Н        |  |   | • |
|                |                 | 8          | L              |         | 1           |          |           |           |           |            |                 |          | 58                     |                  |                         |             |              | $\perp$      | 士            |         | 口         | L        |          | 108                                     |                 |        |         |         | ╘            |                |          |          |  |   |   |
| ے              |                 | 9<br>10    | 2              | Į       | 1           | H        | $\vdash$  |           | Н         | $\dashv$   | $\dashv$        | -        | 59<br>60               | -                | $\dashv$                |             | +            | +            | +            | +-      | Н         | F        |          | 109<br>110                              |                 | +      | +       | +       |              |                |          | $\vdash$ |  |   |   |
|                |                 | 1          | 1              | زے      |             |          |           |           |           |            |                 |          | 61                     |                  |                         |             |              |              | $\pm$        |         | 目         | E        |          | 111                                     |                 | +      | +       | +       |              | H              |          | H        |  |   |   |
| 1              |                 | 13         | 2              | 彳       | -           | L        | -         | _         |           |            | -               | -        | 62<br>63               | $\vdash$         | -                       |             | $\dashv$     | +            | +            | +       | $\vdash$  | -        |          | 112<br>113                              | $\Box$          | _[-    | Ŧ       | $\perp$ |              | Ц              |          |          |  |   |   |
| 1              | ·               | (14)       | 3              |         |             |          |           |           |           | _          |                 |          | 64                     |                  |                         |             | _            | $\forall$    | $\pm$        |         | Н         | -        |          | 114                                     | $\dashv$        | +      | ╁       | ╫       | $\vdash$     | -              | $\vdash$ | $\dashv$ |  |   |   |
|                |                 | 15<br>16   | H              | #       |             |          | Щ         |           |           | -          | _               |          | 65<br>66               | $\Box$           | _                       | _           | 1            | 4            | 4            | $\top$  | П         | F        |          | 115                                     | $\Box$          | $\top$ | -       | $\top$  | $\vdash$     |                |          |          |  |   |   |
| [              |                 | 17         |                |         |             |          |           | _         |           | $\exists$  |                 |          | 67                     | $\vdash$         |                         | $\dashv$    | +            | $\pm$        | $\pm$        | +       | Н         | -        |          | 116<br>117                              | $\dashv$        | +      | ╁       | +       | $\vdash$     | Н              |          | $\dashv$ |  |   |   |
|                |                 | 18<br>19   | $\sqcup$       |         |             |          |           |           |           | $\dashv$   | 4               |          | 68<br>69               | $\Box$           | _                       |             | $\dashv$     | $\dashv$     | $\downarrow$ | 1       | П         |          |          | 118                                     | $\Box$          | 1      | 1       | F       | Γ            |                |          |          |  |   |   |
|                |                 | 20         | 1              | -       | -           | Н        | Н         |           | $\dashv$  | $\dashv$   | $\dashv$        |          | 70                     | $\vdash$         | $\dashv$                | $\dashv$    | +            | +            | +            | +       | Н         | +        |          | 119<br>120                              | $\vdash$        | +      | +       | ╁       | H            | H              | Н        | Н        |  |   |   |
| 1              |                 | 21         |                | V       |             |          |           |           | $\Box$    | $\Box$     | $\exists$       |          | 71                     |                  | 4                       | $\Box$      | 4            | 7            | 1            |         | П         | F        |          | 121                                     |                 |        | 1       | 1       |              |                |          |          |  |   |   |
| <u> </u>       |                 | 22         |                | 0       | $\vdash$    | _        |           |           | $\dashv$  | $\dashv$   | $\dashv$        |          | 72<br>73               | Н                |                         | +           | $\dashv$     | +            | +            | +       | Н         | $\vdash$ |          | 122<br>123                              | $\dashv$        | +      | +-      | ╁╌      | -            | $\vdash$       | $\dashv$ | Н        |  |   |   |
| [              |                 | 24         | $\Box$         |         |             |          |           |           |           | $\Box$     |                 |          | 74                     |                  |                         |             | $\Box$       | $\downarrow$ |              |         |           |          |          | 124                                     |                 |        | 1       | $\bot$  |              |                |          |          |  |   |   |
| ļ              |                 | 25<br>26   | ┢              | -       | Н           | $\vdash$ | Н         | -         | -         | +          | $\dashv$        | $\vdash$ | 75<br>76               | Н                | +                       | +           | +            | +            | +            |         | Н         | -        |          | 125<br>126                              | $\dashv$        | +      | ╁       | ╀       | ╁╴           | Н              |          | $\dashv$ |  |   |   |
|                |                 | 27         |                |         |             |          |           |           |           |            | $\exists$       |          | 77                     |                  |                         |             | $\downarrow$ | $\downarrow$ | 1            |         | 口         |          |          | 127                                     | $\Box$          | 1      |         | 丁       | L            |                |          |          |  |   |   |
|                |                 | 28<br>29   |                | H       |             | Н        | H         |           | $\dashv$  | $\dashv$   | $\dashv$        | -        | 78<br>79               | Н                | -                       | $\dashv$    | $\dashv$     | ╁            | +            | ╀       | Н         | -        |          | 128                                     | -               | +      | +-      | ╀       | ┼-           | Н              |          | $\dashv$ |  |   |   |
| [              |                 | 30         |                |         |             |          |           |           |           |            | コ               |          | 80                     |                  | $\Box$                  | ゴ           | コ            | 士            | $\perp$      |         | 目         |          |          | 130                                     |                 |        | T       |         |              |                |          |          |  |   |   |
| }              |                 | 31<br>32   |                |         | Н           | -        |           | -         |           | -          | -               | -        | 81<br>82               | Н                | -                       | $\dashv$    | +            | +            | +            | +       | H         | F        |          | 131                                     | $\dashv$        | +      | +       | ╀       | <u> </u>     | Н              |          |          |  |   |   |
| ļ              |                 | 33         |                |         |             |          |           |           |           | _          | コ               |          | 83                     |                  |                         |             | 士            | $\perp$      |              | 上       |           |          |          | 133                                     |                 | 土      |         |         |              |                |          |          |  |   |   |
| ŀ              |                 | 34<br>35   | H              | _       | Н           | Н        | $\vdash$  |           | -         | -          |                 | <u> </u> | 84<br>85               | Н                | -                       | $\dashv$    | +            | +            | +            | -       | Н         | }        |          | 134<br>135                              |                 | +      | +       | -       | <del> </del> | Н              | -        |          |  |   |   |
| į              |                 | 36         |                |         |             |          |           |           |           | 士          | ゴ               |          | 86                     |                  |                         |             | 1            | $\pm$        | <u> </u>     | 士       |           | t        |          | 136                                     |                 | $\pm$  | $\perp$ |         | +-           | Н              |          |          |  | - |   |
| ŀ              |                 | 37<br>38   |                |         | Н           | $\dashv$ |           | -         | $\dashv$  | $\dashv$   | 4               | <u> </u> | 87<br>88               | $\sqcup$         | $\dashv$                | $\dashv$    | 4            | +            | - -          | 4_      | Н         | F        | _        | 137                                     | 4               | 4      | $\bot$  | -       | L            | Ц              |          | $\Box$   |  |   |   |
| į              |                 | 39         |                |         |             |          |           |           |           | $\exists$  | $\exists$       |          | 89                     |                  |                         |             | $\exists$    | $\pm$        | +            | +       |           | -        |          | 138<br>139                              |                 | ╅      | ╁       | ╁╌      | ┢            | Н              | $\dashv$ | $\dashv$ |  |   |   |
| }              |                 | 40<br>41   |                | $\perp$ |             | -1       |           | $\dashv$  | 4         | 4          | 4               |          | 90<br>91               |                  | 4                       | $\dashv$    | 4            | 4            | 1            | $\bot$  | П         |          |          | 140                                     | $\Box$          | $\top$ | 1       | $\perp$ |              |                |          |          |  |   |   |
| t              |                 | 42         |                |         |             |          |           | $\exists$ | _         | Ⅎ          | $\exists$       |          | 91                     | H                | $\exists$               | $\dashv$    | +            | _            | ╁            | +-      | $\exists$ | $\vdash$ |          | 141<br>142                              | $\dashv$        | +      | ╁       | +       | ┼            | $\vdash$       |          | $\dashv$ |  |   |   |
| F              |                 | 43<br>44   | П              |         | П           |          | $\square$ | $\neg$    | $\neg$    | 7          | $\exists$       |          | 93                     | П                | $\dashv$                | 4           | 1            | 1            | Ŧ            | $\perp$ | П         | F        |          | 143                                     | $\Box$          | #      | 1       |         |              | П              |          |          |  |   |   |
| ł              |                 | 45         |                |         |             |          |           |           | $\dashv$  | $\dashv$   | $\dashv$        |          | 94<br>95               | H                | $\dashv$                | $\dashv$    | +            | +            | +            | +       | H         | <b> </b> |          | 144                                     | $\dashv$        | +      | +       | ╁       | ╁            | Н              | $\dashv$ | $\dashv$ |  |   |   |
| F              |                 | 46<br>47   | Ц              |         |             |          |           | $\Box$    | 4         | 1          | $\Box$          |          | 96                     | П                | 4                       | _           | 4            | 1            | $\downarrow$ |         | П         |          |          | 146                                     | コ               | 1      | T       |         |              | 口              |          | 耳        |  |   |   |
| ŀ              |                 | 48         | Н              |         | Н           | H        |           | _         | $\dashv$  | $\dashv$   | $\dashv$        | -        | 97<br>98               | $\vdash$         | $\dashv$                | $\dashv$    | +            | +            | +            | +       | H         | <b> </b> |          | 147<br>148                              | +               | +      | ╁       | +       | $\vdash$     | $\vdash\vdash$ | $\dashv$ | $\dashv$ |  |   |   |
| ļ              |                 | 49<br>50   |                |         |             |          |           | $\Box$    | $\exists$ | $\dashv$   | $\exists$       |          | 99                     | П                | $\exists$               | $\sqsupset$ | $\downarrow$ | 1            | 7            | $\top$  |           | ļ        |          | 149                                     |                 | 丰      | $\perp$ | 二       |              |                |          |          |  |   |   |
| L              |                 | <b>5</b> U | لـــا          | Щ       | Ш           | Ш        |           |           | 1         |            |                 | <u></u>  | 100                    | Ш                |                         |             |              | $\perp$      | 上            |         | Ш         | L        |          | 150                                     | L               |        |         |         | <u></u>      | Ш              |          | Ш        |  |   |   |

Application/Control No.